

Panagiota Apostolou

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SCIENTIFIC EXPERIENCE

Since Dr Zagoraïou moved to Athens from Columbia University on summer 2011, I became the first student of her laboratory. Thus, I gained experience in **laboratory set up**.

PhD candidate in Columbia University Department of Physiology & Cellular Biophysics	September 2018-present
Staff Associate in Columbia University Department of Physiology & Cellular Biophysics Investigator in charge: Dr. Andrew Marks	November 2016-August 2018
Internship in Columbia University, Motor Neuron Center Investigator in charge: Dr. George Mentis	July 2016-October 2016
External collaborator in BRFAA Investigator in charge: Dr. Laskaro Zagoraïou	February 2016-July 2016
Pharmacovigilance officer Medwork Pharma Research and Consulting	March 2015-January 2016
Pharmacovigilance officer assistant Medwork Pharma Research and Consulting	November 2014-January 2015
Participant in a scientific project of National and Kapodistrian University of Athens, Medical School Laboratory of Biological Chemistry Investigator in charge: Dr. Kassi Evanthia	November 2014-October 2015
External collaborator in BRFAA Investigator in charge: Dr. Laskaro Zagoraïou	January 2014-September 2014
Master thesis in BRFAA Topic: "Specification and connectivity of distinct subpopulations of interneurons in the mouse spinal cord" Grade: 10 "Excellent" Investigator in charge: Dr. Laskaro Zagoraïou	2011-2013
1 st rotation exercise of the master program: Neurophysiology Department, Nursery School of Athens Grade: 10 "Excellent" Professor in charge: Dr. Dimitrios Anastasopoulos 2 nd rotation exercise of the master program: Laboratory of Genetics and Gene Therapy, BRFAA Grade: 10 "Excellent" Investigator in charge: Dr. Popi Syntichaki	November 2010-August 2011
Practice in Cellular Biology Laboratory, BRFAA Investigator in charge: Dr. Dimitrios Vassilatis	October 2009-October 2010
Diploma research project in Ludwig Maximilian Universität München- Adolf Butenandt Institut Fakultät für Medizin, Germany Topic: "Signaling to heterochromatin" Grade: 10 "Excellent" Professor in charge: Dr. Gunnar Schotta	March 2008-March 2009
Laboratory assistant in Molecular Biology (I and II), Molecular Biology and Genetics Department, Democritus University of Thrace	

LABORATORY TECHNIQUES

Optical microscopy, stereoscopy, immunofluorescence microscopy, confocal microscopy, DNA isolation, polymerase chain reaction, reverse transcription polymerase chain reaction, genotyping, probes design, ligation, transformation, bacteria culture, DNA extraction, RNA isolation, cDNA synthesis, immunoprecipitation, western blot, calcium assay, *in situ* hybridization, *in vitro* transcription, electrophoresis, cell culture, transfection, tissue homogenization, immunocytochemistry, immunohistochemistry, dissection, mouse spinal cord isolation, cryostat sectioning, tissue embedding, perfusion, behavioral assays (rotarod, activity box, rearing, open field, NOR, water maze, grip strength, gait analysis, wire hang, elevated plus maze), chemotaxis assays, longevity assays experience in mouse, zebrafish, *Caenorhabditis elegans*, cyclic voltammetry, introduction to whole cell patch clamp

AWARDS

Scholarship from Young Scientists Forum of Hellenic Society for Biochemistry and Molecular Biology

Scholarship from the Socrates Erasmus Program

SUMMER SCHOOLS

3rd Summer School in Medical and Biosciences Research and Management
2014

World Hellenic Biomedical Association

MOTHER TONGUE: Greek

OTHER LANGUAGES:

English- Cambridge, Proficiency level (level 5), IELTS

German- Mittelstufe level (level C1)

Spanish- Intermedio level (level B2)

TECHNICAL SKILLS:

ECDL (European Computer Driving License)

Bioinformatic tools knowledge (blast, treeview, NCBI bioinformatics tools, rasmol, allen brain atlas, introduction to simulink and matlab)

Arduino code-introduction to debugging

EXTRACURRICULAR INTERESTS: Mentor in 1000 Girls 1000 Futures program of New York Academy of Sciences, Active member of Unicef and International Amnesty, writer for internet site "healthtimes.gr", writer of health column in local newspapers "The Voice", "Review of speech and thought", 3 times elected member of the students' university council (2005-2008), 6 times elected member of the students' school council (1998-2004)